



### TRANSITION FROM EDUCATION TO WORK, AUSTRALIA MAY 1983, (PRELIMINARY)

- PHONE INQUIRIES** *for more information about these statistics*—contact Ms Susan Purcell on Canberra (062) 52 6503 or any of our State offices.  
*other inquiries including copies of publications*—contact Information Services on Canberra (062) 52 6627 or in any of our State offices.
- MAIL INQUIRIES** *write to* Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any of our State offices.

#### MAIN FEATURES

*Note: Survey estimates are subject to sampling variability, as explained in paragraph 13 below.*

1,002,800 persons aged 15 to 64 years attended an educational institution full time in 1982. Of these:

694,500 (69.3 per cent) continued full-time study in 1983; and

308,300 (30.7 per cent) did not continue full-time study.

941,000 persons aged 15 to 24 years attended an educational institution full time in 1982. Of these:

671,900 (71.4 per cent) continued full-time study in 1983. 269,200 (28.6 per cent) did not continue full-time study in 1983, down 22,700 from a figure of 291,900 in the previous year. 48,500 continued in part-time education.

251,600 were in the labour force (273,000 in 1982) of which 67,000 (26.6 per cent) were unemployed (51,300 or 18.8 per cent in 1982).

152,400 persons were apprentices including 138,900 males and 13,500 females. 35,300 apprentices were in the metal trade and 28,200 in the building trade.

#### EXPLANATORY NOTES

##### Introduction

In association with the May 1983 labour force survey conducted throughout Australia, persons aged fifteen to sixty-four years who had attended an educational institution in 1982 or were attending one at the time of the survey were asked about their labour force participation. Separate information was obtained in respect of persons who were full-time students in 1982 and had continued their full-time education in 1983 and those who had not returned to full-time education in 1983 (described in this publication as leavers). Information was also obtained about apprentices.

2. During the two weeks beginning Monday 9 May 1983, specially trained interviewers asked questions of those of the 70,000 respondents in the May labour force survey who fell within the scope of this survey.

3. Results of similar surveys, the first conducted in February 1964, have been published in *Transition From Education to Work, Australia*, (6227.0). Information on apprentices was collected for the first time in May 1983.

4. This publication contains only a summary of the results of the survey. Estimates shown are preliminary and may be revised. Further information which will be published as soon as possible is available on request.

##### Scope

5. The survey includes all civilians aged fifteen to sixty-four years except:

- (a) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (b) overseas residents in Australia;
- (c) dependants of non-Australian defence forces personnel stationed in Australia;
- (d) persons permanently unable to work, some patients in hospitals and sanatoria and inmates of jails, reformatories etc.

##### Definitions

6. Definitions of the principal labour force categories appearing in this publication are given in *The Labour Force, Australia* (6203.0).

7. An *educational institution* is defined as any institution whose primary role is education. Included are schools, universities, colleges of advanced education, public and private colleges, etc. Excluded are institutions whose primary role is not education, for example hospitals.

8. Persons are regarded as *attending an educational institution full-time* if the institution which they are attending so classifies them or they consider themselves to be attending full-time.

9. *Leavers* from educational institutions are persons who were full-time students at some time in the previous year but are not currently full-time students.

10. Apprentices include only those employed persons aged 15 to 34 years who indicate in the survey that they are apprentices.

11. The *field of trade* is derived from information provided by apprentices on their occupation.

### Comparability of series

12. The scope of surveys prior to 1977 was restricted to persons aged fifteen to twenty-four years and from 1977 to 1980 inclusive, fifteen to twenty-five years. In 1981 the survey was expanded to include all persons aged fifteen to sixty-four years. Care should therefore be exercised in comparing estimates from this survey for persons aged fifteen to twenty-four years with those from previous surveys which relate to persons aged fifteen to twenty-five years.

### Reliability of the estimates

13. Estimates in this publication are subject to two sources of error:

- (a) *sampling error*: since the estimates are based on information obtained from occupants of a sample of dwellings they are subject to sampling variability; that is they may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the *standard error*. More information about this topic will be found in *The Labour Force, Australia* (6203.0). A table of estimated standard errors for this survey follows these notes. Estimates with a standard error of more than about 27 per cent have not been shown in this publication, as the degree of sampling variability would seriously detract from their value for most reasonable uses. Although figures for these small components can, in some cases, be derived by subtraction they should not be regarded as reliable.
- (b) *non-sampling error*: inaccuracies may occur because of imperfections in reporting by interviewers and respondents and errors made in the coding and processing of data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every

effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

### Related publications

14. Other ABS publications which may be of interest include:

*The Labour Force, Australia* (6203.0)—issued monthly

*Transition From Education to Work, Australia, May 1982* (6227.0)

*Labour Force Experience, Australia, February 1980 to February 1981* (6206.0)

*Persons Not in the Labour Force (Including discouraged jobseekers), Australia, March 1983* (6220.0)

*Characteristics of Persons Looking for Work, Australia, July 1982* (6222.0)

15. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

### Symbols and other usages

\* subject to sampling variability too high for most practical uses. See paragraph 13 above.

CAE College of Advanced Education

TAFE College of Technical and Further Education

16. Because figures have been rounded, discrepancies may occur between sums of the component items and totals.

**R. J. CAMERON**  
Australian Statistician

### STANDARD ERRORS OF ESTIMATES

Size of estimate (Persons)	Approximate standard error of estimates		Size of estimate (Persons)	Approximate standard error of estimates	
	Persons	Per cent of estimate		Persons	Per cent of estimate
3,000	800	26.7	100,000	3,900	3.9
4,000	900	22.5	200,000	5,100	2.6
5,000	1,000	20.0	300,000	6,000	2.0
10,000	1,400	14.0	500,000	7,200	1.4
20,000	2,000	10.0	1,000,000	9,100	0.9
50,000	2,900	5.8	2,000,000	11,000	0.6

**TABLE 1. PERSONS AGED 15 TO 64 YEARS IN MAY 1983(a) WHO ATTENDED AN EDUCATIONAL INSTITUTION FULL TIME IN 1982: ATTENDANCE AT AN EDUCATIONAL INSTITUTION IN MAY 1983 AND AGE**

Educational institution attended full-time in 1982	Attended full-time in 1982: status in May 1983(a)					
	Continuing full-time studies			Leavers		Total ( ' 000)
	Same type of institution as in 1982	Different type of institution than in 1982	Total	Number	Proportion of total %	
— ' 000—						
15 TO 24 YEARS						
Males—						
School	249.6	29.5	279.0	88.0	24.0	367.1
University	38.8	*	39.6	12.6	24.1	52.2
CAE	11.9	*	11.9	8.3	41.0	20.2
TAFE	11.2	*	11.5	22.7	66.4	34.2
Other	*	*	*	4.8	78.6	6.1
Total	312.6	30.8	343.4	136.4	28.4	479.7
Females—						
School	235.5	35.7	271.3	86.2	24.1	357.5
University	28.8	*	29.8	8.3	21.9	38.2
CAE	16.9	*	17.6	9.9	35.9	27.5
TAFE	5.7	*	6.6	17.7	73.0	24.3
Other	*	*	3.3	10.7	76.6	13.9
Total	289.6	38.9	328.5	132.8	28.8	461.3
Persons—						
School	485.1	65.2	550.3	174.2	24.0	724.5
University	67.6	*	69.4	20.9	23.2	90.3
CAE	28.7	*	29.5	18.2	38.1	47.7
TAFE	16.8	*	18.0	40.4	69.1	58.4
Other	3.9	*	4.6	15.5	77.2	20.0
Total	602.2	69.7	671.9	269.2	28.6	941.0
25 TO 64 YEARS						
Persons—						
School	*	*	*	*	*	*
University	12.6	*	13.0	11.1	46.1	24.1
CAE	4.7	*	4.8	7.4	60.6	12.2
TAFE	*	*	*	6.3	71.7	8.8
Other	*	*	*	14.1	86.6	16.3
Total	21.8	*	22.7	39.1	63.3	61.8
TOTAL						
Males—						
School	249.8	29.5	279.3	88.0	24.0	367.3
University	46.1	*	47.0	19.8	29.6	66.8
CAE	13.8	*	14.0	12.5	47.1	26.5
TAFE	12.2	*	12.7	26.1	67.3	38.7
Other	*	*	*	12.6	87.1	14.4
Total	323.6	31.2	354.8	158.9	30.9	513.7
Females—						
School	235.5	35.7	271.3	86.4	24.2	357.7
University	34.2	*	35.4	12.2	25.7	47.6
CAE	19.6	*	20.3	13.1	39.1	33.4
TAFE	7.0	*	7.8	20.7	72.6	28.5
Other	4.1	*	4.9	17.0	77.6	21.9
Total	300.4	39.3	339.7	149.4	30.5	489.1
Persons—						
School	485.3	65.2	550.5	174.4	24.1	725.0
University	80.3	*	82.4	32.0	28.0	114.4
CAE	33.4	*	34.3	25.6	42.7	59.9
TAFE	19.2	*	20.5	46.8	69.5	67.3
Other	5.8	*	6.8	29.6	81.4	36.3
Total	624.0	70.5	694.5	308.3	30.7	1,002.8

(a) Excludes institutionalised persons and persons permanently unable to work.

**TABLE 2. PERSONS AGED 15 TO 64 YEARS IN MAY 1983(a): ATTENDANCE AT AN EDUCATIONAL INSTITUTION IN MAY 1983 AND EMPLOYMENT STATUS**  
( ' 000)

		<i>Employed</i>			<i>Labour force</i>	<i>Not in the labour force</i>	
		<i>Full-time</i>	<i>Total</i>	<i>Unemployed</i>			<i>Total</i>
MALES							
Institution currently attending—							
School	Part time	4.6	4.9	*	7.1	*	7.5
	Total	6.7	45.5	17.0	62.5	195.1	257.7
University	Part time	35.3	38.6	*	40.7	*	41.3
	Total	37.9	54.5	5.5	60.0	44.6	104.6
CAE	Part time	44.4	46.9	3.0	50.0	*	50.9
	Total	46.3	54.9	3.8	58.7	18.5	77.2
TAFE	Part time	175.5	183.4	13.3	196.7	4.6	201.3
	Total	186.3	197.8	16.7	214.5	18.8	233.3
Other	Part time	37.2	39.0	3.0	42.0	*	44.4
	Total	38.6	40.8	4.5	45.3	5.0	50.3
Total	Part time	296.9	312.9	23.6	336.5	9.1	345.5
	Total	315.8	393.4	47.5	440.9	282.0	722.9
Not currently attending		3,335.0	3,482.9	387.6	3,870.5	413.8	4,284.3
<i>Total</i>		<i>3,650.8</i>	<i>3,876.3</i>	<i>435.1</i>	<i>4,311.4</i>	<i>695.9</i>	<i>5,007.3</i>
FEMALES							
Institution currently attending—							
School	Part time	4.8	7.6	*	8.8	6.4	15.3
	Total	6.4	49.5	15.9	65.4	186.7	252.1
University	Part time	23.1	30.1	*	32.7	9.9	42.6
	Total	24.9	46.6	5.9	52.5	38.8	91.1
CAE	Part time	17.7	24.8	*	27.5	5.8	33.3
	Total	18.5	35.2	5.3	40.5	29.1	69.6
TAFE	Part time	55.7	75.0	11.4	86.4	31.1	117.5
	Total	58.4	84.4	14.5	98.9	48.2	147.1
Other	Part time	21.7	33.0	3.5	36.5	18.1	54.6
	Total	24.4	37.2	5.0	42.1	25.5	67.6
Total	Part time	123.1	170.6	21.3	191.9	71.5	263.4
	Total	132.6	252.9	46.5	299.4	328.2	627.6
Not currently attending		1,348.0	2,056.6	235.9	2,292.6	2,000.0	4,292.6
<i>Total</i>		<i>1,480.6</i>	<i>2,309.5</i>	<i>282.5</i>	<i>2,592.0</i>	<i>2,328.2</i>	<i>4,920.1</i>
PERSONS							
Institution currently attending—							
School	Part time	9.4	12.5	3.5	16.0	6.8	22.8
	Total	13.1	94.9	32.9	127.9	381.8	509.7
University	Part time	58.4	68.8	4.5	73.3	10.6	83.9
	Total	62.8	101.1	11.3	112.4	83.2	195.7
CAE	Part time	62.0	71.8	5.7	77.5	6.8	84.3
	Total	64.7	90.1	9.1	99.2	47.6	146.7
TAFE	Part time	231.1	258.4	24.7	283.1	35.7	318.9
	Total	244.8	282.2	31.2	313.4	67.1	380.5
Other	Part time	58.9	72.0	6.5	78.5	20.6	99.1
	Total	63.0	78.0	9.4	87.4	30.5	117.9
Total	Part time	420.0	483.5	44.9	528.4	80.5	608.9
	Total	448.3	646.3	94.0	740.3	610.2	1,350.5
Not currently attending		4,683.0	5,539.5	623.5	6,163.1	2,413.9	8,576.9
<b>Total</b>		<b>5,131.4</b>	<b>6,185.8</b>	<b>717.6</b>	<b>6,903.4</b>	<b>3,024.0</b>	<b>9,927.4</b>

(a) Excludes institutionalised persons and persons permanently unable to work.



**TABLE 3. LEAVERS AGED 15 TO 64 YEARS IN MAY 1983 : EMPLOYMENT STATUS AND AGE**  
( ' 000)

Employment status	Leavers aged 15 to 19 years			Leavers aged 20 to 24 years			Total leavers		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
Employed	73.5	67.2	140.8	23.4	20.4	43.8	115.1	98.3	213.4
Full time	63.4	52.3	115.8	21.0	16.0	37.0	101.0	75.9	177.0
Part time	10.1	14.9	25.0	*	4.4	6.9	14.0	22.4	36.4
Unemployed	25.1	28.4	53.5	8.5	5.0	13.4	36.3	35.0	71.2
In the labour force	98.7	95.6	194.3	31.9	25.4	57.3	151.3	133.3	284.6
Not in the labour force	5.5	9.2	14.7	*	*	*	7.6	16.2	23.8
<b>Total</b>	<b>104.2</b>	<b>104.8</b>	<b>209.0</b>	<b>32.2</b>	<b>28.0</b>	<b>60.2</b>	<b>158.9</b>	<b>149.4</b>	<b>308.3</b>

**TABLE 4. LEAVERS AGED 15 TO 24 YEARS IN MAY 1983 : SUMMARY OF CHARACTERISTICS**  
( ' 000)

	Attended school in 1982			Attended any educational institution(a) in 1982		
	Males	Females	Persons	Males	Females	Persons
Age at time of leaving (years)—						
14 and under	3.1	*	5.3	3.3	*	5.5
15	21.3	22.7	44.1	21.6	23.2	44.8
16	30.3	32.2	62.5	34.1	36.7	70.8
17	21.1	17.5	38.6	25.4	23.4	48.8
18	9.1	9.1	18.2	17.4	16.4	33.8
19	*	*	4.4	8.7	9.6	18.3
20-24	*	*	*	25.9	21.4	47.2
Time of leaving—						
January-June 1982	10.2	10.9	21.0	19.1	17.8	36.9
July-October 1982	9.0	8.1	17.1	18.0	14.5	32.5
November 1982	30.6	33.8	64.4	51.3	58.8	110.1
December 1982-May 1983	38.2	33.4	71.7	48.0	41.7	89.7
Employment status—						
Employed	60.1	56.5	116.5	96.9	87.7	184.6
Full time	51.7	42.8	94.5	84.4	68.4	152.8
Part time	8.4	13.6	22.0	12.5	19.3	31.8
Unemployed	23.0	22.5	45.5	33.6	33.4	67.0
In the labour force	83.1	79.0	162.1	130.6	121.0	251.6
Not in the labour force	4.9	7.2	12.2	5.8	11.8	17.6
Attendance at an educational institution—						
Currently attending part-time	18.7	10.8	29.4	29.2	19.3	48.5
Not currently attending	69.4	75.4	144.8	107.2	113.5	220.7
<b>Total</b>	<b>88.0</b>	<b>86.2</b>	<b>174.2</b>	<b>136.4</b>	<b>132.8</b>	<b>269.2</b>

(a) Includes schools.

**TABLE 5. APPRENTICES : YEAR OF APPRENTICESHIP AND FIELD OF TRADE, MAY 1983**  
( ' 000)

Field of trade	Year of apprenticeship				Total
	First	Second	Third	Fourth	
MALES					
Metal	5.3	8.8	12.7	8.4	35.2
Electrical	4.3	5.5	7.9	5.1	22.8
Building(a)	4.3	7.7	8.1	8.1	28.2
Service	*	*	*	*	*
Food and drink	*	3.7	*	*	10.9
Mechanical, automotive	*	6.7	5.7	4.7	19.4
Other(b)	4.7	5.4	6.3	3.2	19.7
Total	24.2	38.8	44.1	31.7	138.9
PERSONS(c)					
Metal	5.3	8.9	12.7	8.4	35.3
Electrical	4.5	5.5	8.1	5.1	23.2
Building(a)	4.3	7.7	8.1	8.1	28.2
Service	4.9	*	*	*	11.0
Food and drink	*	4.1	3.6	*	12.8
Mechanical, automotive	*	6.7	5.9	4.7	19.6
Other(b)	6.2	5.8	6.8	3.5	22.2
Total	30.2	41.1	47.9	33.1	152.4

(a) Includes furniture making. (b) Includes printing and footwear, clothing and textiles. (c) Includes 13,500 females (6,000 first year apprentices).

